

Title (en)
COURIER DELIVERY BOX

Title (de)
KURIERAUSLIEFERUNGSBOX

Title (fr)
BOÎTE DE DISTRIBUTION PAR COURSIER

Publication
EP 4014823 A1 20220622 (EN)

Application
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EP 20216153 A 20201221

Abstract (en)
The present invention relates to a courier delivery box 1 for transporting food, configured to be removably attached to a motorized and/or human-powered vehicle or bicycle, the courier delivery box 1 comprising a housing 2, an interior for storing the food, and a door 3 for providing access to the interior of the courier delivery box 1, wherein the courier delivery box 1 further comprises one or more removably inserted shelves 17, at least two shelf positioning means 18 for providing optional positions for the shelves 17 in the interior of the courier delivery box 1, such that the interior of the courier delivery box 1 can be variably subdivided into two or more compartments by selectively inserting each of the one or more shelves 17 into the shelf positioning means 18, heating means for heating at least one of the compartments, and one or more functional units 5 arranged at a side of the courier delivery box 1, wherein the one or more functional units 5 comprise an electronics unit 6 including power supply means. Further, the present invention relates to a modular system including the courier delivery box of the invention and the cooling unit.

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Citation (search report)
• [E] WO 2020257902 A1 20201230 - GUIMARAES MARCELO [BR], et al
• [X] US 5505122 A 19960409 - SMIT GERRIT [NL]
• [XI] US 2020229645 A1 20200723 - KARSTEN KYLE ROBERT [US], et al
• [X] EP 1580145 A1 20050928 - MARTINI CARLO [IT]

Cited by
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